

IN THE U.S. PATENT AND TRADEMARK OFFICE

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Application Daniel J. SCHLITZ et al.

For: ION-DRIVEN AIR PUMP DEVICE AND METHOD

Serial No.: 10/754 441 Group: 1724

Confirmation No.: 7983

Filed: January 9, 2004 Examiner: Unknown

Atty. Docket No.: PU2109

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

FIRST CLASS MAILING CERTIFICATE

Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service under 37 CFR 1.8 as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 24, 2004.

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Correspondence: Information Disclosure Statement including

enclosures listed thereon



PATENT APPLICATION

December 23, 2004

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Daniel J. SCHLITZ et al.

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INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is being filed in accordance with the duty of disclosure under 37 C.F.R. § 1.56 and pursuant to 37 C.F.R. § 1.97-1.98. Enclosed herewith is Form PTO-1449 including a copy of each of the documents listed. Accordingly, further comment at this point in time should not be necessary.

Further consideration is respectfully solicited.

Respectfully submitted,

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Encl: Form PTO-1449 (2 pages)

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Page 2 of 2 Applicant: Daniel J. SCHLITZ et al. INFORMATION : January 9, 2004 Serial No.: 10/754 441 Filed DISCLOSURE Atty. Ref.: PU2109 Group : 1724 CITATION U.S. PATENT DOCUMENTS Sub Filing Examiner Document Date Class Class Date Name Number Initial* FOREIGN PATENT DOCUMENTS Sub Translation Document Examiner Y/N Class Class Country Number Date Initial* OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc.) Bondar et al., "Effect of nuetral fluid velocity on direct conversion from electrical to fluid kinetic energy in an AΚ electro-fluid-dynamics (EFD) device, " J. Phys. D: Appl. Phys., Vol. 19, 1986, pp. 1657-1663. Steutzer, "Ion Drag Pumps," J. Appl. Phys., Vol. 31, 1960, ALpp. 136-146. Robinson, "Movement of Air in the Electric Wind of the Corona Discharge, "Trans. Am. Inst. Electr. Engng. Commun. MΑ Electron (AIEE J.), 1961, pp. 143-150. Kalman et al., "Enhancement of heat transfer by means of a corona wind created by a wire electrode and confined wings AN assembly, " Applied Thermal Engineering, Vol. 21, 2001, pp. 265-282. Owsenek et al., "Experimental Investigation of Corona Wind Heat Transfer Enhancement With a Heated Horizontal Flat Plate," ΑO J. of Heat Transfer, Vol. 117, May 1995, pp. 309-315. Kang et al, "Diamond Microemitters - The New Frontier of Electron Field Emissions and Beyond," New Diamond and Frontier AΡ Carbon Technology, Vol. 11, 2001, Abstract only. Garimella et al., "Transport in Microchannels - A Critical Review," Annual Review of Heat Transfer, Vol. 14, 2003, ΑO pp. 1-50.

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